

PRODUCT INFORMATION



Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 025/07c

Valvoline VR1™ Racing Motor Oil SAE 5W-50

Premium quality full synthetic motor oil specially formulated for high-performance cars. Engineered for ultimate performance in turbo and non-turbo charged petrol engines under extreme operating conditions such as road racing and rallying.

Recommended by Valvoline for:

ACEA A3/B4
API: SL
Ford WSS-M2C-153E
GM 6094M

Applications

For ultimate performance in turbo and non-turbocharged petrol engines.

Offers extra reserve needed to resist extreme operating conditions during rallying and racing.

Not recommended for aftertreatment systems or vehicles equipped with catalytic converters.

Specially designed for racing applications, **not recommended** for prolonged periods of time

Features & Benefits

Race proven performance

VR1 Racing is formulated for ultimate performance under extreme operating conditions. Contains special additives that ensure optimal power output and maximum wear resistance for both turbocharged and non turbo charged petrol engines.

Extreme wear protection

Strong oil film in combination with specialized additives provide high resistance against extreme pressure and high operating temperatures.

Performance at high rpm ranges

Enhanced anti-foaming formulation ensures superior protection at high engine rpm.

Break down resistance

High thermal and oxidation stability resists oil breakdown.

PRODUCT INFORMATION



Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit

www.valvolineeurope.com or
<https://pisheets.valvoline.com>

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

VR1 Racing Motor Oil		
SAE Viscosity Grade		5W-50
Viscosity, mm ² /s @ 100 °C. ASTM D-445		19,3
Viscosity, mm ² /s @ 40 °C. ASTM D-445		123
Viscosity Index ASTM D-2270		178
Viscosity, mPa.s –30°C. ASTM D-5293		<6600
TBN, mg KOH/g	ASTM D-2896	11,8
Phosphorus, ppm ASTM D6443		1300
Zinc, ppm ASTM D6443		1500
Pour Point, °C ASTM D-5949		-39
Specific Gravity @ 15.6°C. ASTM D-4052		0,853
Pour Point, °C ASTM D-5949		-39
Flash Point, COC, °C. ASTM D-92		228

This information only applies to products manufactured in the following location(s): Europe

Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet
<http://sds.valvoline.com>

Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage

We recommend storing all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 025/07b

™ Trademark of Valvoline, registered in various countries © 2021

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ellis Enterprises B.V. and its affiliates assume legal responsibility.